<u>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</u>

ATTY DKT: VAN EIJK-17

In re application of:	Confirmation No. 2423
Michael J. T. VAN EIJK	Art Unit: 1637
Serial No. 10/560,968	Examiner: Joyce TUNG
Nat'l Phase Entry: March 19, 2007	Washington, D.C.
For: MEANS AND METHOD FOR THE DETECTION OF TARGET NUCLEOTIDE SEQUENCES USING LIGATION ASSAYS WITH IMPROVED OLIGONUCLEOTIDE PROBE PAIRS	October 01, 2010

<u>RESPONSE TO "NOTICE TO FILE CORRECTED APPLICATION PAPERS</u>
(*<u>Notice of Allowance Mailed</u>*)"

Honorable Commissioner for Patents
U.S. Patent and Trademark Office
Randolph Building, **Mail Stop Issue Fee**
POB 1450
Alexandria, VA 22313-1450

Sir:

This paper responds to a ***Notice to File Corrected Application Papers*** dated September 28, 2010 (the ***"Notice"***), and follows a telephone call with the Customer Assistance Unit of the Office of Data Management on Oct. 01, 2010. The Ref # of this telephone call is 1-176453326.

The *Notice* indicated that Applicant must provide missing information on Table 3, pages 73-75.

In the phone call, the undersigned indicated that nothing was missing from Table 3 and that only the right border of the table was partially or fully truncated. The undersigned was informed that it would be sufficient to submit a reformatted version of Table 3, which appears on pages 2-3 of this paper.

REMARKS appear at page 4.

Appln. No. 10/560,968
Response dated Oct. 01, 2010
Reply to *Notice* of Sept. 28, 2010

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Replacement Table 3:

Table 3. Oligonucleotide Keylock probes for detection of SNPs from Table 1.

SEQ ID #	Keylock nr.	Fragment code	Locus nr.	Length (bp)	5'(PH)-3' sequence
31	02W641	43F	31	124	**GCCGCGCCCGGGCCGCCCGG**GATGAGTCCTGAGTAACGCTGGAAGTATTCAGAGTTTAGAGTGAA
32	02W642	43F	31	122	**GCCGCGCCCGGGCCGCCCGG**GATGAGTCCTGAGTAACGGGAAGTATTCAGAGTTTAGAGTGAT
33	02W661	43F	31	rev	GTACAATGCAATTTAGAGAACAAGCGATCCGATCGATATCGACGTAGCTGCATCGTAATCGGGGAATTGGTACGCAGTC**CCGGGCGGCCCGGGCGCGGC**
34	02W643	61F	32	119	**CCGCCCGCCGCGCGCCCGCG**GATGAGTCCTGAGTAACGCAGCAAAGAATTAGACATGGATGAGTT
35	02W644	61F	32	117	**CCGCCCGCCGCGCGCCCGCG**GATGAGTCCTGAGTAACGCCAAAGATTTAGACATGGAGGAGTC
36	02W662	61F	32	rev	CTTAACACGTCCAGACAAGAGGCCCATGTCGACGTAGATCCGTATAGCACTGAGTCGGGAATTGGTACGCAGTC**CGCGGGCGCGCGGCGGGCGG**
37	02W645	64F	33	114	**CCCGCGCCGCGGGCGCCGCG**GATGAGTCCTGAGTAACGCCTAGTTTGAGCAGTTTTGAGCTGAA
38	02W646	64F	33	112	**CCCGCGCCGCGGGCGCCGCG**GATGAGTCCTGAGTAACGTAGTTTGAGCAGTTTTGAGCTGAG
39	02W663	64F	33	rev	TTAACAAGAAAAATCGGTCAGGACTGTACGCATGCTAACGTTACGGACTATCGGGAATTGGTACGCAGTC**CGCGGCGCCCGCGGCGCGGG**
40	02W647	75F	34	109	**GCCGGCGGGCCCGGCCGGCG**GATGAGTCCTGAGTAACGCCTTCATATTGATGGTTTTGTTTTTGTTA
41	02W648	75F	34	107	**GCCGGCGGGCCCGGCCGGCG**GATGAGTCCTGAGTAACGTTCATATTGATGGTTTTGTTTTTGTTG
42	02W664	75F	34	rev	ACGCTTCTTCCTTGTTGAGAGGGGATGCTCAGGCTATCGACATGGGGAATTGGTACGCAGTC**CGCCGGCCGGGCCCGCCGGC**
43	02W649	92R	35	104	**CGCCGCCGGGCGCGCGGGCC**GATGAGTCCTGAGTAACGCAAGCTTTGCAACAGCAGAAGTGTAT
44	02W650	92R	35	102	**CGCCGCCGGGCGCGCGGGCC**GATGAGTCCTGAGTAACGAGCTTTGCAACAGCAGAAGTGTAC

45	02W665	92R	35	rev	CTCTGCAGAGATAGATCATAACCTTCACGTCATGCTGAGCATGGGAATTGGTACGCAGTC**GGCCCGCGCGCCCGGCGGCG**
46	02W651	28R	36	99	**CCGGGCGGGCCGGGCCGCCC**GATGAGTCCTGAGTAACGCTCTCTCTTGTTTGTTGCAGGAGCA
47	02W652	28R	36	97	**CCGGGCGGGCCGGGCCGCCC**GATGAGTCCTGAGTAACGCACTCTTGTTTGTTGCAGGAGCT
48	02W666	28R	36	rev	GAACTATAAATTGCTTGCAGGAACCCGCTAACGTTACGGGGAATTGGTACGCAGTC**GGGCGGCCCGGCCCGCCCGG**
49	02W653	14446E10	40	94	**GCCGGCCGCGGCCCGGCGCG**GATGAGTCCTGAGTAACGCGATCACTGGCTGGAACTTCTCCC
50	02W654	14446E10	40	92	**GCCGGCCGCGGCCCGGCGCG**GATGAGTCCTGAGTAACGATCACTGGCTGGAACTTCTCCG
51	02W667	14446E10	40	rev	AACTCTCAATTTTTCAACCTTCTCTATCATTCGAGGGAATTGGTACGCAGTC**CGCGCCGGGCCGCGGCCGGC**
52	02W655	14447C06	38	89	**CCCGCGCGCGGCCGGCCGGC**GATGAGTCCTGAGTAACGCCATGTATGCATGATTGGCGGTCCA
53	02W656	14447C06	38	87	**CCCGCGCGCGGCCGGCCGGC**GATGAGTCCTGAGTAACGATGTATGCATGATTGGCGGTCCG
54	02W668	14447C06	38	rev	TTCTTTTGTTATAGCAAGAGCTTGAACGGGGAATTGGTACGCAGTC**GCCGGCCGGCCGCGCGCGGG**
55	02W657	14446E01	39	84	**GGCGCGCGGCCCGCGCGCCG**GATGAGTCCTGAGTAACGCTGTTGTTCCTTGTTGCATCTCCTTT
56	02W658	14446E01	39	82	**GGCGCGCGGCCCGCGCGCCG**GATGAGTCCTGAGTAACGGTTGTTCCTTGTTGCATCTCCTTG
57	02W669	14446E01	39	rev	TCACAAGCTCCCATCGCATCATGGGAATTGGTACGCAGTC**CGGCGCGCGGGCCGCGCGCC**
58	02W659	14157A04	37	79	**GGCGGCCGCCGGGCGGGCCG**GATGAGTCCTGAGTAACGTGCAACAGTTGAATAGAAAGATGT
59	02W660	14157A04	37	77	**GGCGGCCGCCGGGCGGGCCG**GATGAGTCCTGAGTAACGCAACAGTTGAATAGAAAGATGC
60	02W670	14157A04	37		ACACGAGCCTCGGATCAATGGGAATTGGTACGCAGTC**CGGCCCGCCCGGCGGCCGCC**

REMARKS

Replacement Table 3 has been reformatted as to its right and left margins, but is identical in content to original Table 3. No new matter has been introduced.

Applicants believe that they have responded fully to the ***Notice*** and that the application is now in condition for publication and issue.

Respectfully submitted,

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